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THE  
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# THE STORY

OF

# CEDAR HOLLOW

1750-1900

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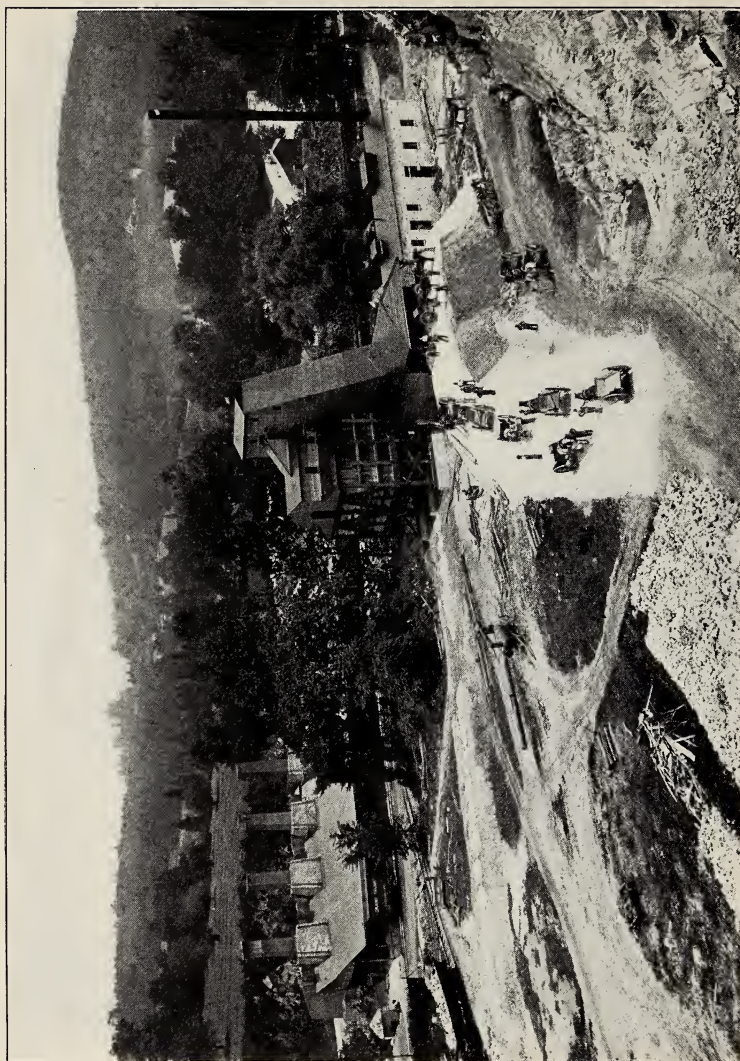


Issued by  
CHARLES WARNER COMPANY  
Philadelphia New York  
Wilmington.









GENERAL VIEW CEDAR HOLLOW LIME COMPANY'S STONE CRUSHER AND FAST KILNS.



THE STORY  
OF  
CEDAR HOLLOW  
1750-1900



Issued by  
CHARLES WARNER COMPANY  
Philadelphia New York  
Wilmington.



THE JOHN M. ROGERS PRESS,  
WILMINGTON, DEL.



## THE STORY OF CEDAR HOLLOW.

CEDAR HOLLOW LIME is older than the Revolution itself. Valley Forge, the one historic spot of Revolutionary times that has withstood the warfare of the vandal, preserved, sanctified and hallowed, an everlasting monument to the courage, patriotism and sacrifice of our fathers, is proof of the antiquity, durability and everlasting qualities of CEDAR HOLLOW LIME. Washington's headquarters, wherein was quartered the Father of his Country during the memorable winter of 1777-1778, is still held intact with mortar made from CEDAR HOLLOW LIME. This ancient building, visited by thousands every year, is as erect to-day as when built more than a century and a quarter ago; its walls are white and their surface as smooth as if built yesterday. ONLY CEDAR HOLLOW LIME WAS USED IN ITS CONSTRUCTION.

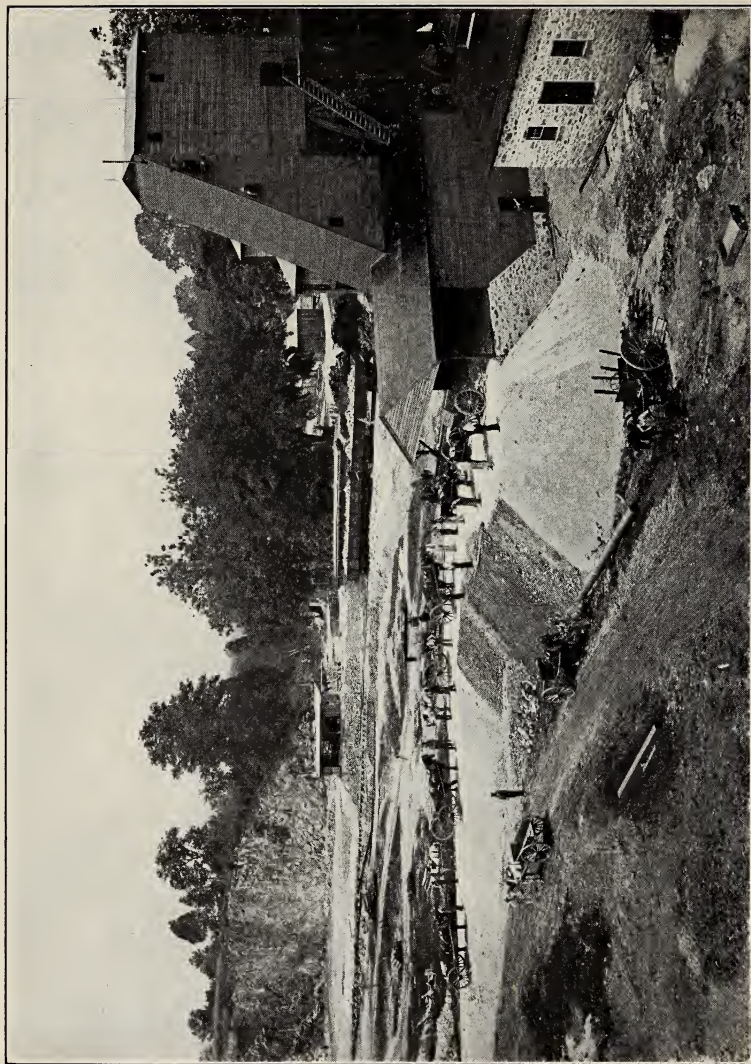
What better showing than a century and a half of strong substantial work.

Cedar Hollow, from whence our LIME derives its name, is located in the eastern section of Chester County, about three miles from Valley Forge. It is the oldest and most famous lime section in this part of the country, and is the cradle of the lime manufacturing industry in the United States. The oldest buildings in Philadelphia, Montgomery, Bucks, Delaware and Chester Counties, the first settlements in Pennsylvania, are as firm to-day as when built over a century ago. ONLY CEDAR HOLLOW LIME WAS USED IN THEIR CONSTRUCTION.

Many sought its output.

Cedar Hollow Lime only used.

Write for our Booklet on Telford and Macadam Roads.



STONE CRUSHER, 1000 TONS CAPACITY DAILY.

EVERY POUND OF OUR CRUSHED STONE COULD BE USED TO MANUFACTURE OUR BEST LIME.



Long before the independence of the colonies, the good qualities of CEDAR HOLLOW LIME were known. There were other lime sections in Eastern Pennsylvania, but none of them produced the same quality of lime as that which came from Cedar Hollow. The best of every thing being none too good for the early builders, they naturally sought the very best lime that could be had and demanded CEDAR HOLLOW LIME. More than a score of manufacturers either purchased land or obtained leases of parts of the several properties now owned by the CEDAR HOLLOW LIME COMPANY, and began the manufacture of lime. They erected kilns upon the premises and opened quarries. Their manufactured product was carted away to every section of Eastern Pennsylvania and to the surrounding States of Maryland, New Jersey and Delaware, no other lime being able to compete with it in yield, purity and durability.

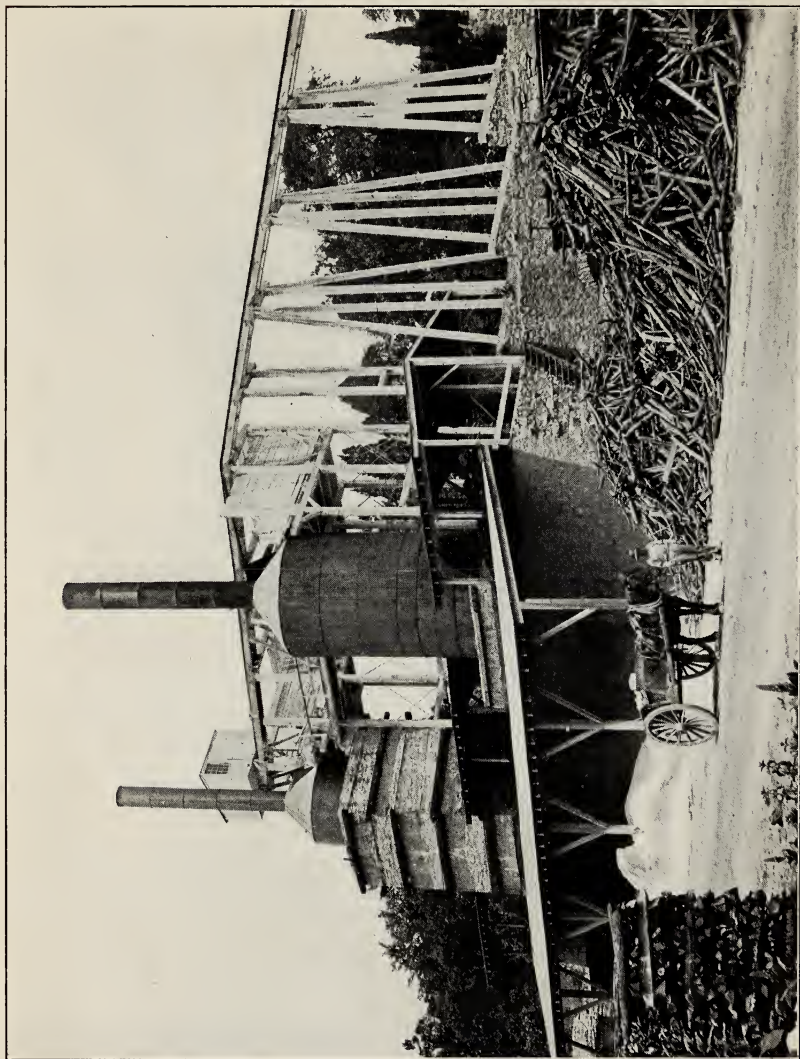
Cedar Hollow  
Lime  
indispensable  
to good work.

In 1856, several capitalists of Philadelphia, seeing the great future that presented itself in the further and wider development of the lime industry, purchased ninety acres of the land upon which the kilns and quarries of the several owners or lessees at Cedar Hollow were located, and immediately began the erection of a railroad leading from the kilns to the Chester Valley Railroad, a distance of two miles. The new owners organized themselves into a corporation under the name of the CEDAR HOLLOW LIME COMPANY. Until 1898 the company remained under the same management and in the control of the same parties who had taken charge forty-two years before.

Early  
consolidation  
that lead to forty  
years of successful  
manufacture  
and a  
constantly  
improving  
product.

Write for our Booklet on Telford and Macadam Roads.





WEST KILNS. CAPACITY 1500 BUSHELS DAILY HIGHEST GRADE WOOD BURNED LIME.

It shipped most of its product to Philadelphia, where it always commanded a ready sale and higher price than any other lime. All shipments were made over the Chester Valley and Philadelphia & Reading Railroads, the cars being transported over the company's siding by horses to the Chester Valley Railroad and delivered by the latter to the Philadelphia & Reading Railroad at Bridgeport.

Old method  
of transportation.

In the Spring of 1898, by reason of the death of the owner of more than one-half of the stock of the company and the advanced age of his associates, all of its real and personal estate was sold and the new purchasers continued the business under the old name. An adjoining property, comprising one hundred and twenty-eight acres, all underlaid with a rich deposit of limestone was added to the original tract, so that at the present time the CEDAR HOLLOW LIME COMPANY is the owner of two hundred and eighteen acres of the richest magnesia limestone deposit in the United States.

Purchase by  
present  
management  
and additional  
property secured.

46.17 per ct.  
Carbonate of  
Magnesia.

On the one side, facing the northeast, is a vein of ninety feet in height and twelve hundred and fifty feet in breadth; while on the other side, facing the southwest, is a vein of equal height and eleven hundred feet in length. The former vein extends fully three-fourths of a mile to the southwest, and the latter a quarter of a mile to the northeast. The top soil covering these veins varies from one to four feet. The supply of stone which they contain irrespective of the depth to which they can be sunk, is practically inexhaustable.

Extent of the  
Quarries.

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Use Cedar Hollow Stone for Telford and Macadam Roads.

Improvements  
and  
additions.

Since 1898 vast improvements have been made upon the property. The old horse railroad has been replaced by a substantial siding, over which cars are transported by locomotives; patent kilns, with a daily capacity of fifteen hundred bushels of lime, have been erected; a stone crusher, capable of crushing one thousand tons of stone per day; every pound of which could be used in the manufacture of our best lime. New houses for the employes and stables for the live stock, have been built.

Present  
capacity of  
patent kiln and  
wood-burnt  
lime only.

The company has seven other patent kilns in operation, which, with the new ones recently erected, give it a capacity of three thousand bushels of lime in every twenty-four hours. Wood is the fuel used in its manufacture, and the most modern kilns and methods have been introduced.

Perpetual  
Charter.

The Company has recently been granted a perpetual charter under the laws of Pennsylvania.



IN CONNECTION with this, we have issued a booklet "On Macadam and Telford Roads," and will be pleased to forward same to you upon receipt of your request for a copy of the work.

Every pound of our crushed stone could be used in the manufacture of the celebrated Cedar Hollow lime with its purity of less than 1% silica.

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Use Cedar Hollow Stone for Telford and Macadam Roads.





NORTH QUARRY. FACE, 90 FEET DEEP, 1100 FEET LONG.

BOOTH, GARRETT & BLAIR,  
CHEMICAL AND METALLURGICAL DEPARTMENT,  
406 Locust Street.

PHILADELPHIA, PA., July 11th, 1900.

CEDAR HOLLOW LIME Co., Wilmington, Del.

*Gentlemen:*—The samples taken by us at the Cedar Hollow Lime Quarry on the 1st inst., marked as below, contained:

	"WEST."	"SOUTH."
<b>Analysis.</b> Silicious Matter, . . . . .	0.82%	0.69%
Oxide of Iron and Alumina, . . . . .	0.41%	0.33%
Carbonate of Lime, . . . . .	53.64%	53.68%
Carbonate of Magnesia, . . . . .	45.44%	46.17%
	<hr/> 100.31%	<hr/> 100.87%

Yours respectfully,

BOOTH, GARRETT & BLAIR.

**Freedom from  
Silica.**

The small percentage of Silica contained in this lime makes it the most desirable offered for Finishing and General Building Purposes where a Magnesia lime is required, while for Sulphite mills and other chemical uses requiring a high percentage of Magnesia, the especial desirability of Cedar Hollow Lime is manifest by noting the analysis made by Messrs. Booth, Garrett & Blair of average samples taken by their representative at our quarries.

**High percentage  
Magnesia  
desirable for  
Sulphite mills.**

The smaller the percentage of Silica in a lime, the greater will be its bulk when slacked out, and therefore its greater sand carrying capacity and increased value per unit of weight as compared with a high silica or impure lime. We invite tests to prove this.

**CHARLES WARNER COMPANY,**

**SALES AGENT,**

PHILADELPHIA, NEW YORK, WILMINGTON,  
1109 LAND TITLE BLDG. 66 MAIDEN LANE. DELAWARE.

**Write for our Booklet on Telford and Macadam Roads.**



LABORATORIES OF  
BOOTH, GARRETT & BLAIR,  
404 and 406 Locust Street.

PHILADELPHIA, PA., July 30th, 1900.

REPORT OF CRUSHING TESTS OF SAMPLES LIMESTONE,  
GRANITE AND TRAP ROCK.

Samples were marked as below :

Specimen Marked.	Size.	Crushing Strength, lbs. per sq. in.	
Trap Rock, . . . . .	1 in. cube, .	30,260	
"Cedar Hollow" Hard Limestone, .	1 in. cube, .	34,540	Crushing strength.
Granite, . . . . .	1 in. cube, .	40,250	

Respectfully yours,

BOOTH, GARRETT & BLAIR.

No ONE questions the importance of using reliable stone where concrete is to be introduced. The above tests by Messrs. Booth, Garrett & Blair, show the Cedar Hollow Stone to be more desirable than trap rock for concrete work, and in regard to its specific gravity, they write :

"The specific gravity of Cedar Hollow Stone was  
2.85, showing it to be an unusually compact stone."

Specific Gravity.

The specific gravity of trap rock is about three. This means five per cent. more volume in a ton of Cedar Hollow Stone than in trap rock, which insures a saving in transportation of about five per cent., and adds correspondingly to the bulk per ton. For good roads its superior quality for cementation insures a more durable Telford or Macadam roadbed than can be constructed with either trap rock or granite.

Write for our Booklet on Telford and Macadam Roads.

**CEDAR HOLLOW CRUSHED STONE**

From a new and improved crusher, combining all desirable features to date, thereby insuring Uniform Size and Freedom from Dust.

CAPACITY, 1000 TONS DAILY.

Any size shipped promptly on receipt of orders.

**Capacity.**

Quotations f. o. b. cars at Works, CEDAR HOLLOW, Pa., or at any point on the lines of the Philadelphia & Reading and Pennsylvania R. R. systems.

Screens are adjustable to the following sizes:

**Sizes.**

3-inch Ring and Tailings,

2-inch, 1 1/2-inch,

1-inch, 3/4-inch,

Grits, or 3/8-inch,

Dust (Top-dressing, Cement Pavements, etc.)

Screenings (Grits and Dust, Mixed.)

See Booklet on Macadam and Telford Roads

ISSUED BY

**CHARLES WARNER COMPANY,**

General Agent,

OFFICES:

WILMINGTON,

PHILADELPHIA,

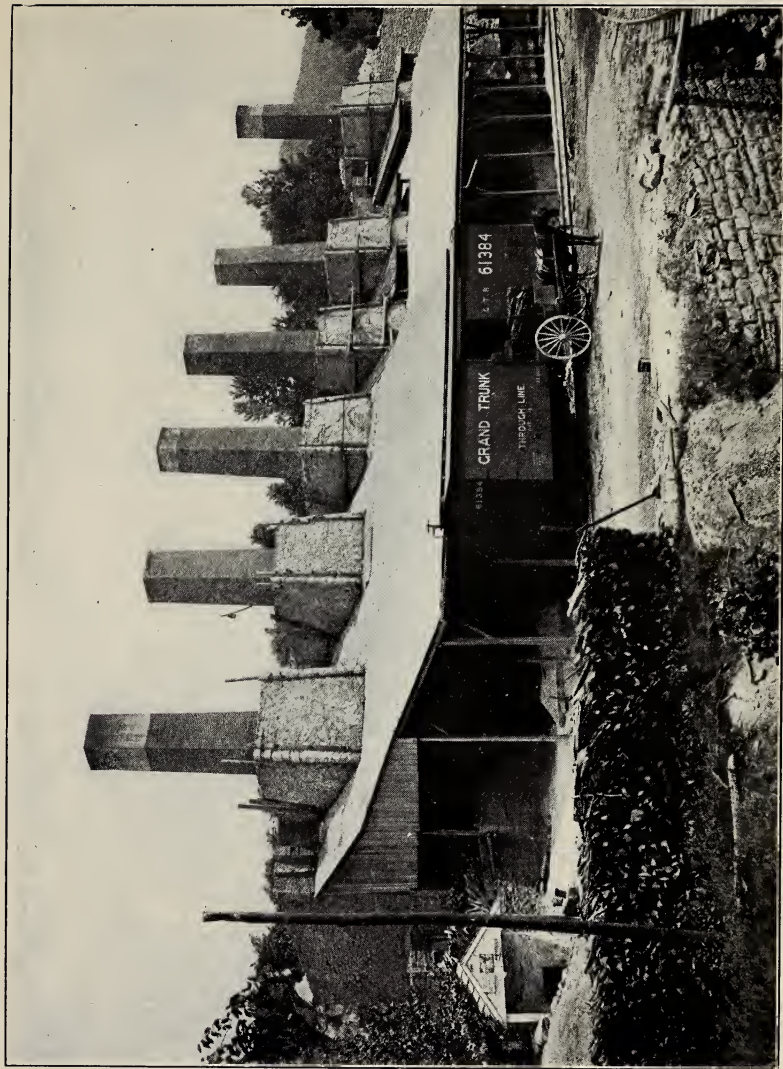
NEW YORK,

Delaware.

1109 Land Title Bldg.

66 Maiden Lane.

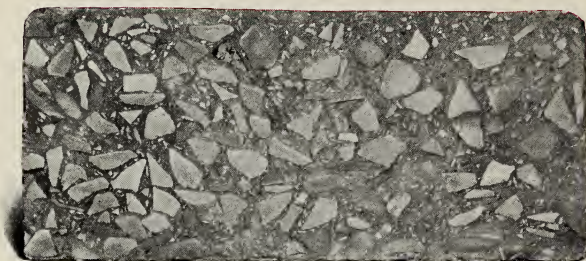
**Write for our Booklet on Telford and Macadam Roads.**



EAST KILNS. CAPACITY, 1500 BUSHELS DAILY HIGHEST GRADE WOOD BURNED LIME.

# OUR CONCRETE

## Triple Alliance.



We own  
quarries.

We dredge  
sand.

We sell  
manufactured  
products.

SLAB OF CONCRETE 2 feet long by 10 inches wide, 4 inches thick, sawed from a block of concrete made up of the following proportions:

- 1 part Nazareth Portland Cement.
- 2 parts Warner's Bar Sand.
- 4 parts Cedar Hollow Screenings.
- 8 parts Cedar Hollow 1½-inch stone.

*CRUSHING TEST, 202 TONS PER SQUARE FOOT.*

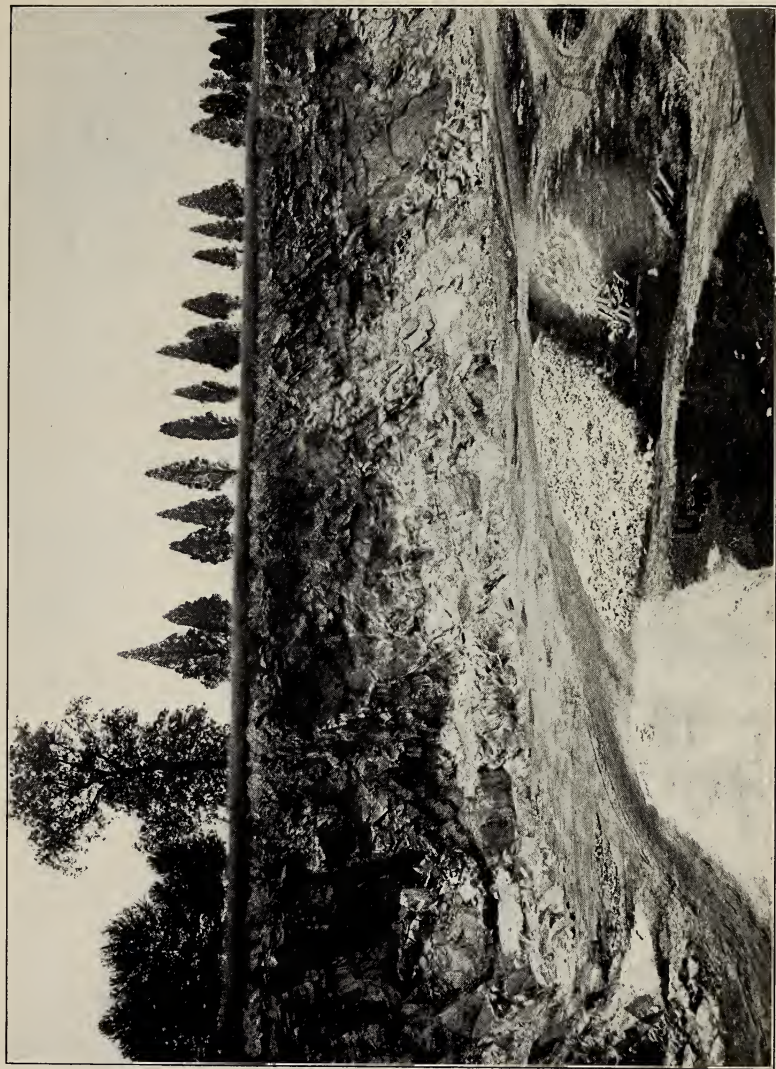
Thirty Days Old.

**CHARLES WARNER COMPANY,**

**GENERAL SALES AGENT.**

**Write for our Booklet on Telford and Macadam Roads.**





SOUTH QUARRY. FACE, 90 FEET DEEP, 1250 FEET LONG.



## Our Lines in Brief.

<b>Lime</b>	For Building, Plastering, Chemical and Agricultural purposes.
<b>Carbonate</b>	Wrightsville, Hanover, F. F. L.
<b>Magnesia</b>	Cedar Hollow and McCoy:
<b>Stone</b>	Assorted sizes from Cedar Hollow Quarries for Walks. Road-making and Concreting. Run of quarry for Fluxing.
<b>Cement</b>	Imported and Domestic, Rosendale and Portland. "Nazareth" brand our specialty.
<b>Sand</b>	Washed and Screened Bar Sand from our dredge, Phoenix. Daily capacity 2,000 tons. Silver Sand and White Finishing Sand, in carload lots from Wilmington and Philadelphia, Pa.
<b>Ivory Cement Plaster</b>	A Hard Wall Plaster. Superior for Strength, Hardness, Durability.
<b>Building Material</b>	Calcined Plaster, Plastering Hair, Fire Brick and Tile, Mortar Colors, Marble Dust, Fire Clay,
<b>Terra Cotta Pipe</b>	Manufactured from the best Ohio River Fire Clay, all vitrified and salt glazed. Sectional Sewer Blocks, Flue Liners, Fire Proofing, Conduits and all Fire Clay Products.
<b>Coal</b>	Anthracite and Bituminous.
<b>Coke</b>	Furnace, Foundry and Crushed.
<b>Freight</b>	Warner's Wilmington and Philadelphia Freight Line sails 6 P. M. daily from Wilmington and Pier 9, South Wharves, Philadelphia. Through rates to all points.
<b>Information and Quotations</b>	Information and quotations gladly furnished on any of the above lines.

### CHARLES WARNER COMPANY,

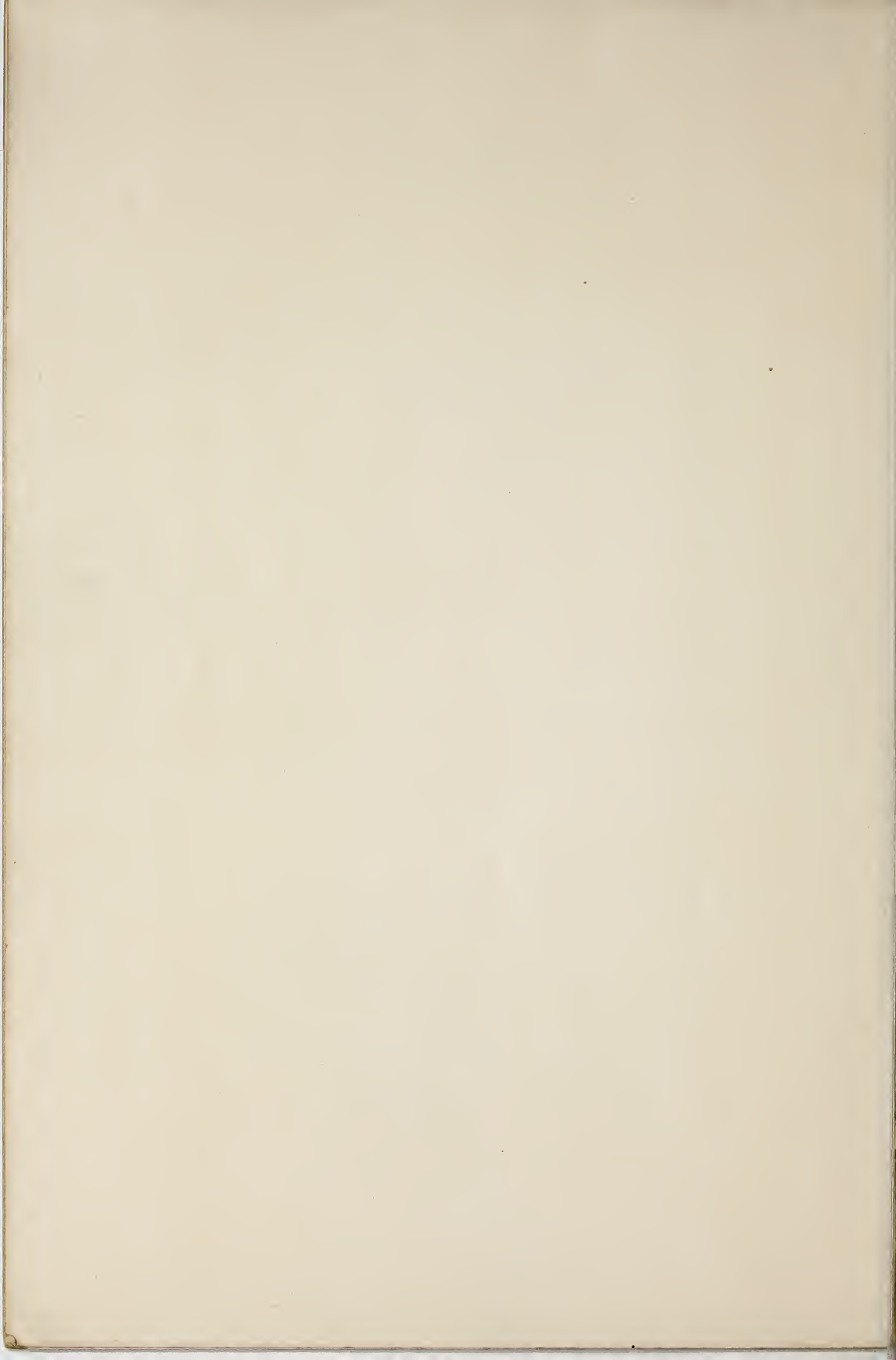
GENERAL OFFICES, WILMINGTON, DELAWARE.

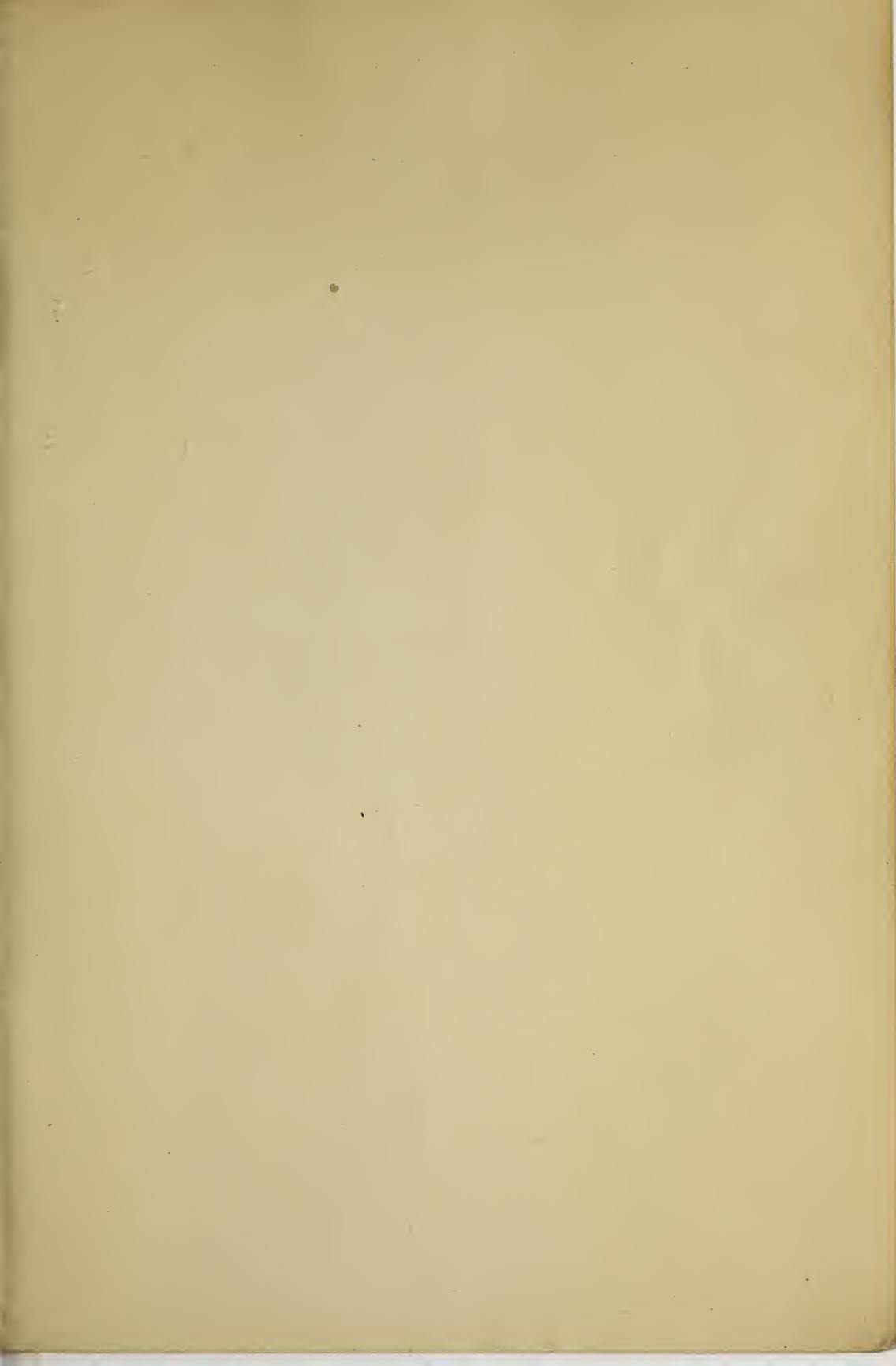
NEW YORK,  
66 MAIDEN LANE,  
J. MAXWELL CARRERE,  
GENERAL MANAGER.

PHILADELPHIA,  
LAND TITLE BUILDING,  
FRED. A. DABOLL,  
MANAGER.

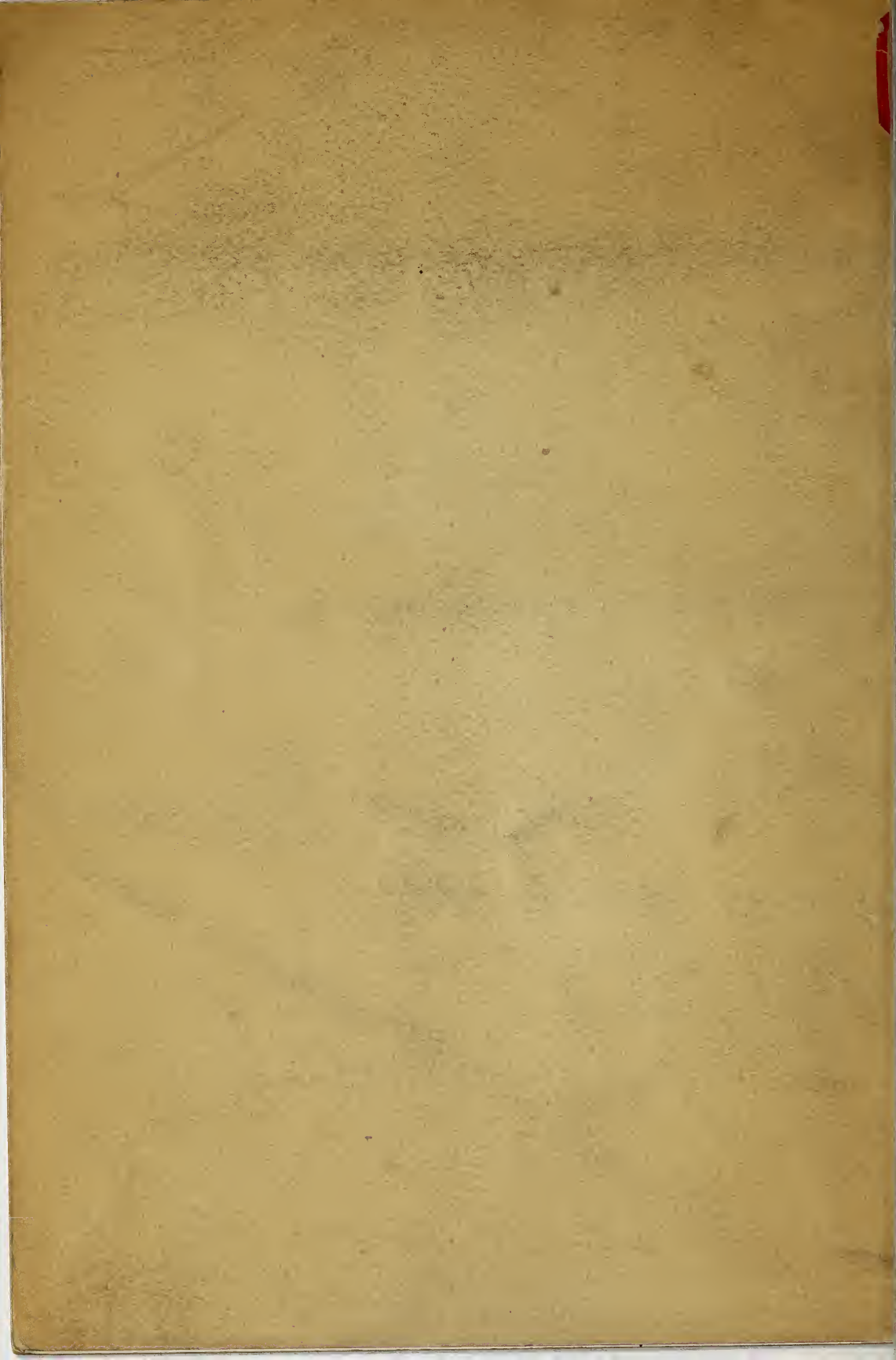
Write for our Booklet on Telford and Macadam Roads.

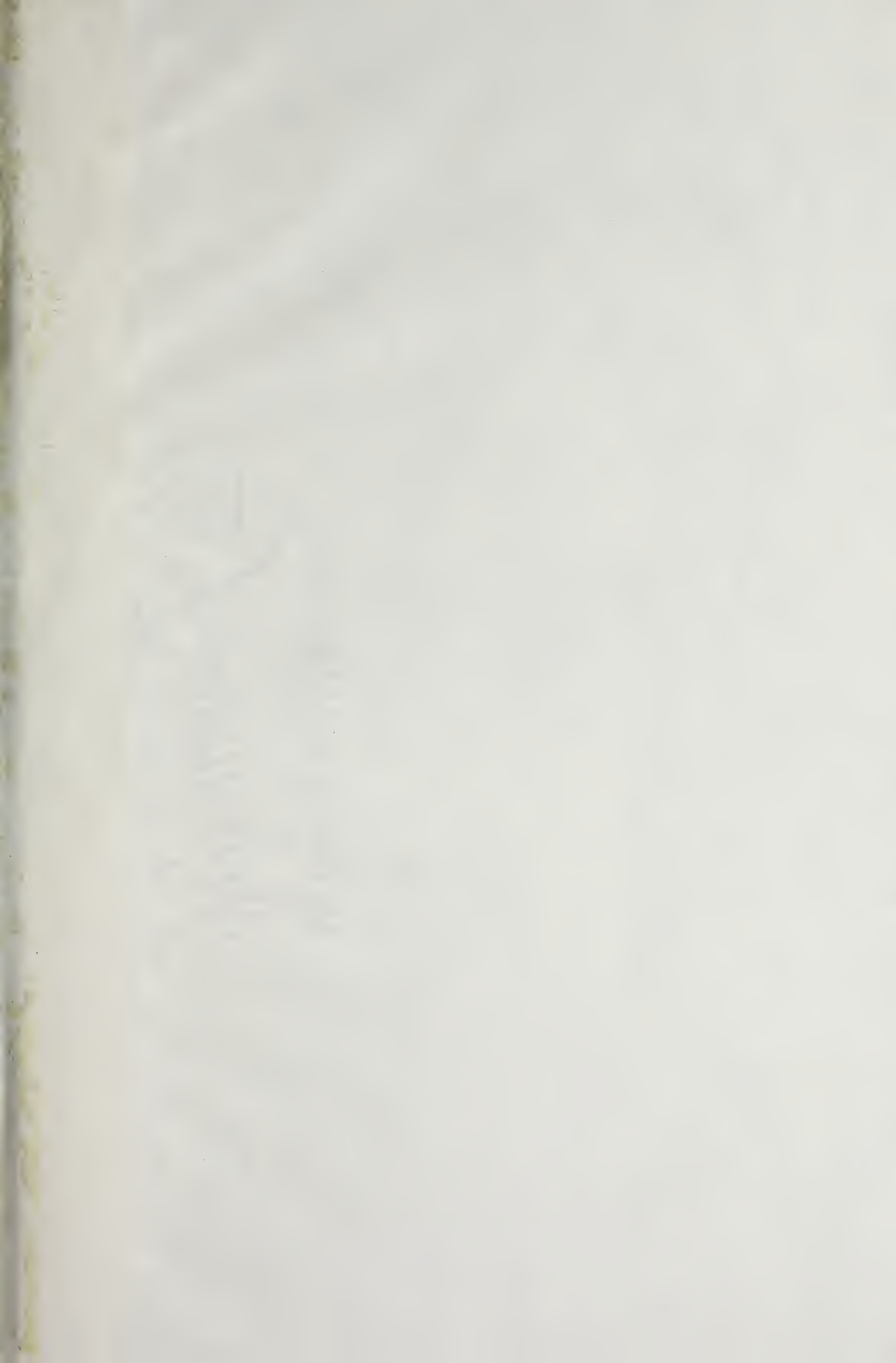


















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